



January 15, 2013

US EPA RECORDS CENTER REGION 5



468901

Illinois Environmental Protection Agency
Permit Section
Bureau of Land – #33
P.O. Box 19276
Springfield, Illinois 62794-9276

Re: 2018080001 – Winnebago County
Winnebago Reclamation Service
Northern and Southern Units
Third Quarter 2012 Confirmed Increases

Dear Correspondent:

In accordance with the Condition VIII.14 of Permit No. 1991-138-LF, confirmation sampling has been conducted for the observed third quarter 2012 increases. There were no confirmed increases for third quarter 2012.

If you have any questions or require further information, please contact Mr. Tom Hilbert at (815) 963-7516. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read "Teresa N. Sharp".

Teresa N. Sharp
Environmental Scientist

TNS:tns:slm

cc: Tom Hilbert – Rock River Environmental Services
Bernie Schorle – US EPA Region 5



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
SOLID WASTE REPORTING FORM

This form must be used as a cover for the following list of notices and reports required by the Illinois EPA's Bureau of Land, Permit Section. All reports must be submitted to the Illinois EPA's Bureau of Land Permit Section. This form must be used for Solid Waste facilities only. Reporting for Hazardous Waste facilities should be submitted on a separate Hazardous Waste Reporting Form. All reports submitted to the Illinois EPA's Bureau of Land Permit Section must contain an original, plus a minimum of two copies.

Note: This form may NOT be used for any request to modify the permit, sampling or operating procedures. Modification requests must be submitted separately in the form of a permit application.

This form is not to be used with permit applications. Your permit will state whether the document you are submitting is required as a report or an application.

Facility Name: Winnebago Landfill - Northern and Southern Units

Site ID#: 2018080001

Check one of the following, identifying the contents of your submittal:

- ☐ LPC-160 Forms
- | | |
|---|---|
| <input type="checkbox"/> Quarterly Groundwater Data | <input type="checkbox"/> Semi-Annual Groundwater Data |
| <input type="checkbox"/> Quarterly Leachate Data | <input type="checkbox"/> Semi-Annual Leachate Data |
| <input type="checkbox"/> Annual Groundwater Data | <input type="checkbox"/> Biennial Groundwater Data |
| <input type="checkbox"/> Annual Leachate Data | <input type="checkbox"/> Biennial Leachate Data |
- ☐ Annual Groundwater Flow Evaluation ☐ Well Survey Data
- ☐ Well Construction Forms and Boring Logs ☐ Well Abandonment Forms
- ☐ Notice of Observed Increase in Groundwater
Notice of Intent to Perform Confirmation Procedures (Re-sampling) in Groundwater
- ☒ Notice of Confirmed Increase of Groundwater Exceedence from Re-sample
- ☐ Notice of Methane Exceedences
- ☐ Annual Facility Report (per 35 Ill. Adm. Code 813.504) and Gas Monitoring Report
- ☐ Annual Certifications per 35 Ill. Adm. Code 813.501
- ☐ Other (identify): Not to be used for Permit Applications



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Re: 2018080001 – Winnebago County
Winnebago Reclamation Service
Northern and Southern Units
Fourth Quarter 2012 Potential Observed Increases

Dear Correspondent:

In accordance with the applicable conditions of the permit, a groundwater monitoring review has been conducted on the fourth quarter 2012 monitoring results. Parameters indicating "observed increases" from the Southern and Northern Units are listed in Tables 1 and 2, respectively.

The sample results from each unit well network have been reviewed pursuant to Condition VIII.13 of Permit No. 1991-138-LF, Modification No. 59. Confirmation sampling will be completed in accordance with Condition VIII.14 of the above referenced permit.

If you have any questions or require further information, please contact Mr. Tom Hilbert at (815) 963-7516. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read "Teresa N. Sharp". The signature is fluid and cursive, with the first name "Teresa" being the most prominent part.

Teresa N. Sharp
Environmental Scientist

TNS:tns:slm

Enclosures

cc: Tom Hilbert – Rock River Environmental Services
Bernie Schorle – US EPA Region 5

Table 1
Winnebago Landfill - South Unit
Fourth Quarter 2012 Observed Exceedences

Parameter	Units	4thQtr12	AGQS	Notes
A28D				
Oil (Hexane Soluble)	mg/l	< 20	5	
G26D				
Cadmium, Dissolved	ug/l	3.7	3.264	
G49D				
Oil (Hexane Soluble)	mg/l	< 6	5	
R11S - Upgradient				
Oil (Hexane Soluble)	mg/l	< 6	5	
R22S - Upgradient				
Specific Conductance (field)	umhos	3920	3700	
R25D				
Oil (Hexane Soluble)	mg/l	< 20	5	

** indicates exceedence has previously been addressed and approved by either Permit Modification No. 46, 51 or 53.

Elevated reporting limit (< 6) for Oil at wells G49D and R11S due to limited sample volume.

Elevated reporting limit (< 20) for Oil at wells A28D and R25D due to sedimentation in sample.

Table 2
Winnebago Reclamation Service - North Unit
Fourth Quarter 2012 Observed Exceedences

<i>Parameter</i>	<i>Units</i>	<i>4thQtr12</i>	<i>AGQS</i>	<i>Notes</i>
G09D - Upgradient				
** 1,2-Dichlorobenzene	ug/l	4.8	5	Exceeds Preceeding (below AGQS)
** Chlorobenzene	ug/l	24	5	
G09M - Upgradient				
1,2-Dichlorobenzene	ug/l	1.7	5	Exceeds Preceeding (below AGQS)
** Benzene	ug/l	3.2	2.8	
** Chlorobenzene	ug/l	9.1	5	
Oil (Hexane Soluble)	mg/l	< 6	5	
G13D - Upgradient				
** Benzene	ug/l	3	2.8	
** Chlorobenzene	ug/l	18	5	
Oil (Hexane Soluble)	mg/l	< 20	5	
G13S - Upgradient				
** Benzene	ug/l	4.8	2.8	
** Chlorobenzene	ug/l	40	5	
Oil (Hexane Soluble)	mg/l	< 6	5	
G20D - Upgradient				
** 1,1,1-Trichloroethane	ug/l	1.1	12	Exceeds Preceeding (below AGQS)
** 1,1-Dichloroethane	ug/l	4.7	31	Exceeds Preceeding (below AGQS)
** cis-1,2-Dichloroethene	ug/l	18	5	
** Tetrachloroethene	ug/l	1.7	26	Exceeds Preceeding (below AGQS)
** Trichloroethene	ug/l	2.8	66	Exceeds Preceeding (below AGQS)
G03M				
Oil (Hexane Soluble)	mg/l	< 6	5	
G33S				
Oil (Hexane Soluble)	mg/l	< 6	5	
G50S				
Oil (Hexane Soluble)	mg/l	< 20	5	
R03S				
Oil (Hexane Soluble)	mg/l	< 6	5	
R39S				
Oil (Hexane Soluble)	mg/l	< 20	5	

** indicates exceedence has previously been addressed and approved by either Permit Modification No. 46, 51, or 55.

Elevated reporting limit (< 6) for Oil at wells G09M, G13S, G03M, G33S, and R03S due to limited sample volume.

Elevated reporting limit (< 20) for Oil at wells G13D, G50S, and R39S due to sedimentation in sample.



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|
<input type="checkbox"/> Annual Groundwater Flow Evaluation | <input type="checkbox"/> Well Survey Data |
| <input type="checkbox"/> Well Construction Forms and Boring Logs | <input type="checkbox"/> Well Abandonment Forms |
| <input checked="" type="checkbox"/> Notice of Observed Increase in Groundwater | |
| Notice of Intent to Perform Confirmation Procedures (Re-sampling) in Groundwater | |
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